

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. An isolated polynucleotide from coryneform bacteria, containing a polynucleotide sequence coding for the eno gene and selected from the group consisting of:
 - a) a polynucleotide that is at least 70% identical with a polynucleotide that codes for a polypeptide containing the amino-acid sequence of SEQ ID NO:2; and
 - b) a polynucleotide that codes for a polypeptide containing an amino acid sequence that is at least 70 % identical with the amino-acid sequence of SEQ ID No. 2; and in which the polypeptide exhibits the activity of the enzyme enolase.
2. The polynucleotide according to claim 1, wherein said isolated polynucleotide is a recombinant DNA replicative in coryneform bacteria.
3. The polynucleotide of claim 2, wherein L-glutamic acid is replaced in the amino acid sequence (SEQ ID NO:2) at position 223 by another proteinogenic amino acid.
4. The polynucleotide of claim 3, wherein the L-amino acid replaced in position 223 is L-lysine, as represented in SEQ ID NO:4.
5. The polynucleotide of claim 4, wherein said polynucleotide contains adenine at position 817 of the nucleotide sequence, as represented in SEQ ID NO: 3.
6. The polynucleotide of claim 1, wherein said polynucleotide is RNA.
7. The polynucleotide of claim 2, wherein said polynucleotide comprises the nucleic-acid sequence of SEQ ID NO:1.
8. The polynucleotide of claim 2, wherein said polynucleotide comprises:
 - (i) the nucleotide sequence shown of in SEQ ID NO:1;

(ii) a nucleotide sequence at least 70% homologous to SEQ ID NO:1 and wherein one or more of the codons in said SEQ ID NO:1 are replaced with a degenerate codon;

(iii) a nucleotide sequence at least 70% homologous to SEQ ID NO:1, wherein said nucleotide sequence comprises one or more functionally neutral sense mutations that do not alter the activity of the protein/polypeptide.

9. A corynebacteria containing the polynucleotide of any one of claims 2 to 8.

10. – 23. (Cancelled).